

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	732	protru\$4 same (length distance range) same pit\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 14:07
L12	65	protru\$4 same (length distance range) same pit\$1 same radial	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 14:09
L13	2296	(369/275.1).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/23 14:37
L14	12	L11 and L13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 14:37
L15	746	(369/275.2).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/23 14:37
L16	1	L11 and L15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 14:37
L17	2389	(369/275.3).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/23 14:38

## EAST Search History

L18	2	L11 and L17	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 14:38
L19	2642	(369/275.4).OCLS.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/23 14:38
L20	15	L11 and L19	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 14:38
S1	2	("20060164965").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/01 14:21
S2	2	("6295271").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/01 16:00
S3	537	matsui adj2 tsutomu	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 16:19
S4	18891707	JP 09-102143	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 16:20

## EAST Search History

S5	0	"JP 09-102143"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 16:20
S6	1	"09-102143"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 16:20
S7	425226	Nec adj2 corp	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 16:21
S8	118	S3 and S7	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 16:21
S9	965845	(radial circular round annular) same (length width height depth)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 12:57
S10	17808	S9 and lambda	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 12:57
S11	2452	(l and same pre\$pit\$1)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 10:39

## EAST Search History

S12	1	(pre\$groove same protrud\$3 same radial)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 10:40
S13	1	(pregroove same protrud\$3 same radial)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 10:41
S14	19	(pre\$groove same protrud\$3)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 10:41
S15	308	(pre\$groove same radial)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 10:41
S16	41	S11 and S15	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 10:41
S17	183883	(protrud\$3 same (length long distance))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 10:42
S18	1	S16 and S17	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 10:42

## EAST Search History

S19	8	S11 and S17	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/21 10:43
S20	76160	(distance length) same (land pre\$pits)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/22 11:36
S21	20178	(distance length) same (land pre\$pits) same edge	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/22 11:37
S22	13835	(distance length) same (land pre\$pits) same edge same portion	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/22 11:37
S23	544	(distance length) same (land pre\$pits) same edge same portion same protrud\$3	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/22 11:38
S24	1881	(distance length) same (land pre\$pits) same protrud\$3	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/22 11:49
S25	379	((distance length) same (land pre\$pits) same protrud\$3) and (disc disk)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/22 11:50

## EAST Search History

S26	124160	(distance length) same (land pre\$pits) wobbl\$3	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/22 16:23
S27	1881	S24 and S26	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/22 16:23
S28	379	S25 and S26	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/22 16:24
S29	6297	pit same radial	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 18:48
S30	1399	pit same radial same length	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 18:48
S31	29	pit same radial same length same protrud\$3	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 18:48
S32	2255	(369/275.1).OCL.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/13 15:34

## EAST Search History

S33	735	(369/275.2).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/13 15:34
S34	2259	(369/275.3).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/13 15:34
S35	2558	(369/275.4).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/13 15:35